

BRIDGE REPLACEMENT TO PIPE

BRIDGE #413

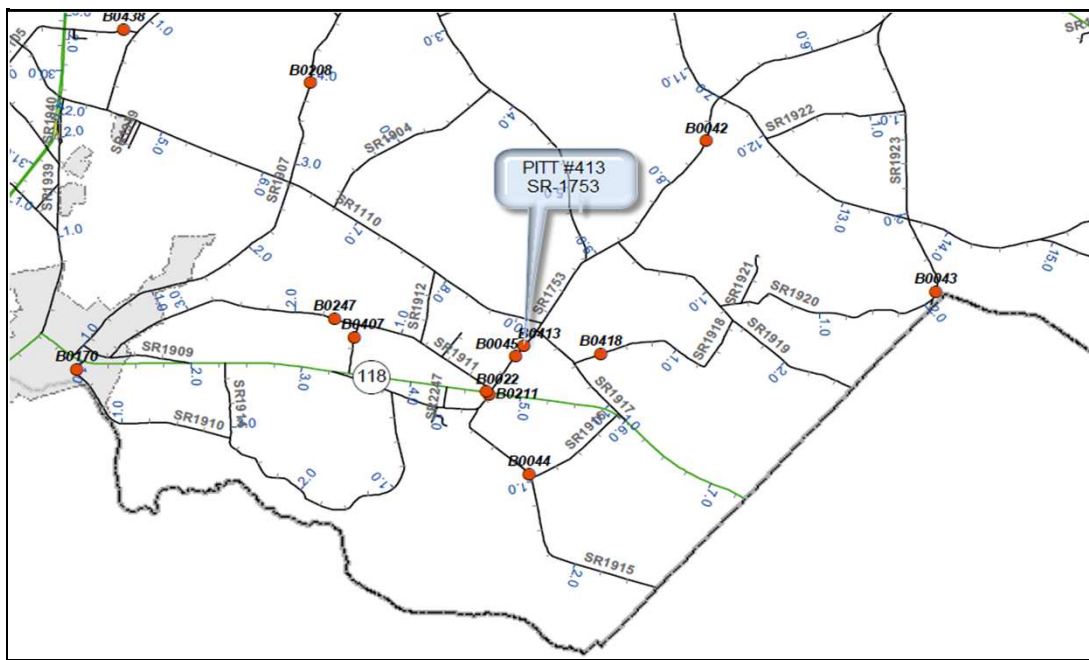
PITT COUNTY

SR-1753

EROSION CONTROL PLANS

March 8, 2011

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NCDOT-BRIDGE MAINTENANCE
PO BOX 371
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PROJECT DESCRIPTION

THE EXISTING STRUCTURE IS TWO SPANS OF REINFORCED CONCRETE FLOORS ON TIMBER JOISTS. 1 SPAN @ 17'-6", AND 1 SPAN @ 17'-9" WITH TIMBER END BENT AND INTERIOR CAPS ON TIMBER PILES @ VARYING CENTERS. THE PROPOSED STRUCTURE IS 1 @ 15'-4" X 10'-0" ASPPA, WITH 105 DEGREE SKEW WITH HEADWALLS. IT IS LOCATED ON SR-1753 OVER ST. JOHN'S CANAL, 0.6 MILES NORTHEAST OF JUNCTION SR-191 IN PITT COUNTY. IT IS ALSO SHOWN ON THE FORT BARNWELL QUADRANGLE.






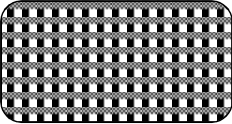







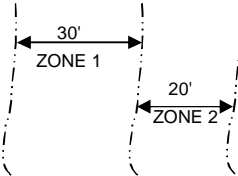
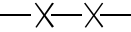



THIS PROJECT WILL BE COVERED UNDER A NW-31 PERMIT PER JAY JOHNSON (DEO-DIV II).

SEDIMENTATION AND EROSION CONTROL

DUE TO THE NATURE OF THE PROJECT, THERE IS EXPECTED TO BE SOME SEDIMENTATION AND MINOR EROSION DURING HEAVY AND PROLONGED RAINS. THE CONSTRUCTION SUPERVISOR OR SUITABLE REPRESENTATIVE SHALL CONSTANTLY WATCH FOR PROBLEM AREAS DURING CONSTRUCTION, ESPECIALLY AROUND CROSSLINE AND OUTLET DRAINAGE AREAS, AND TAKE THE FOLLOWING STEPS AS NECESSARY:

- (1) WHEN SILT FENCE APPROACHES FULL CAPACITY, IT SHALL BE CLEANED OUT AND/OR REPLACED AS NEEDED.
- (2) SHOULD UNFORESEEN DELAY IN CONSTRUCTION OCCUR, TEMPORARY OR STAGED SEEDING AND MULCHING WILL BE USED ACCORDINGLY.
- (3) ANY QUESTIONS OR PROBLEMS ARISING CONCERNING SEDIMENTATION OR EROSION CONTROL SHALL BE DIRECTED TO THE BRIDGE MAINTENANCE ENGINEER OR THE DIVISION ENVIRONMENTAL OFFICER.

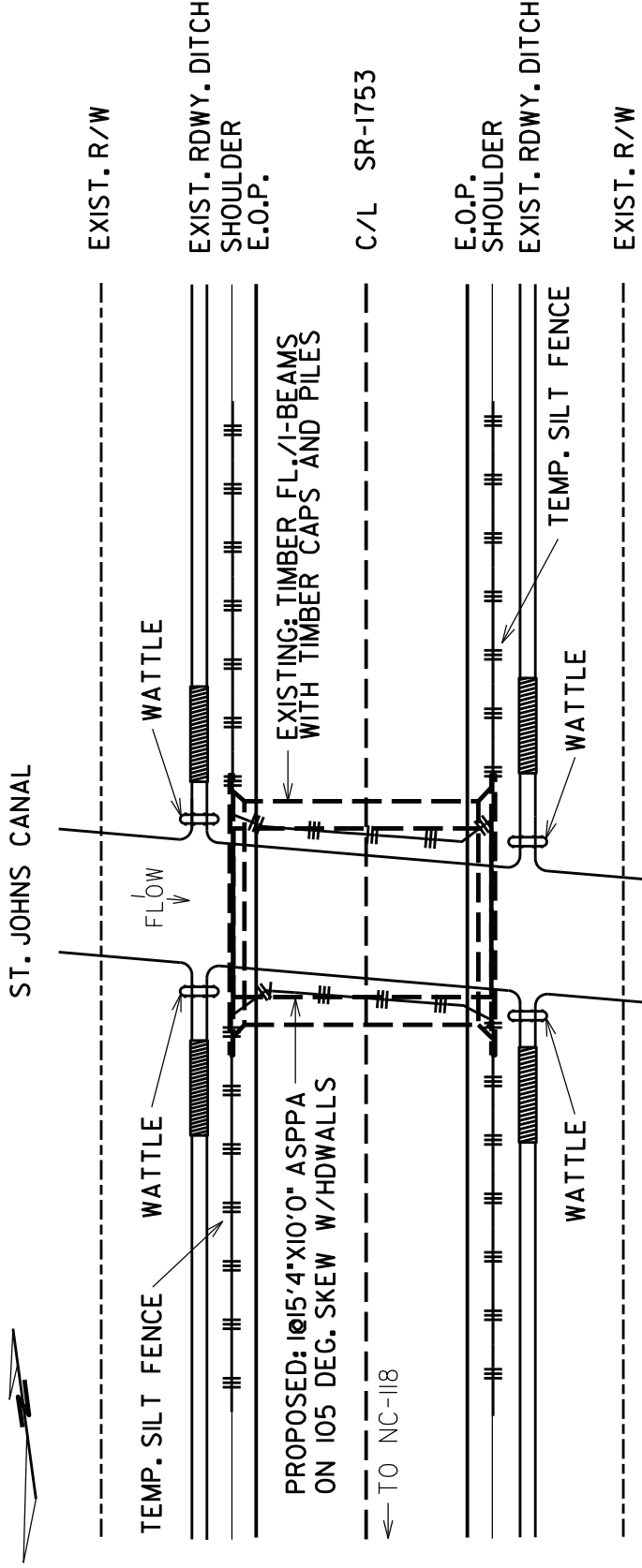
LEGEND SHEET

	Std.#
RIP RAP 	1605.01 TEMPORARY SILT FENCE 
STEEL SHEET PILE 	
COASTAL WETLANDS 	1630.02 SILT BASIN TYPE B 
DIRT (SILT BAG) 	1633.01 TEMPORARY ROCK SILT CHECK TYPE-A 
POWER POLE 	1633.02 TEMPORARY ROCK SILT CHECK TYPE-B 
WATERLINE 	1634.01 TEMPORARY ROCK SEDIMENT DAM TYPE-A 
SEWERLINE 	1634.02 TEMPORARY ROCK SEDIMENT DAM TYPE-B 
NEUSE RIVER RIPARIAN BUFFER 	TURBIDITY CURTAIN 
DIFFUSE FLOW 	BP CHECK DAM (EXPERIMENTAL) 
	WOODS LINE 

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DIVISION TWO, BRIDGE MAINTENANCE
NEW BERN, N.C.

EROSION CONTROL PLAN

PROPOSED BRIDGE TO PIPE
PITT 413, SR-I753
PITT COUNTY, DATE: 3/24/2011
DRAWN BY: T. CASEY



WATER QUALITY CRITERIA:

STREAM CROSSING BLUE LINE ON USGS

NOTE: NOT TO SCALE
FOR PERMIT USE ONLY